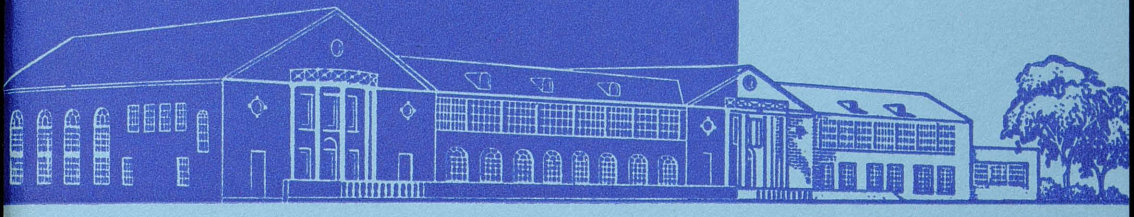
TYLER JUNIOR COLLEGE

TYLER
TEXAS



GENERAL CATALOGUE

- ★ Vocational Crafts
- ★ Arts & Sciences
- ★ Engineering – Agriculture
- ★ School of Business
- ★ Texas Eastern School of Music
- ★ Adult Evening College

A REGIONAL COLLEGE
FOR THE
GREAT EAST TEXAS
AREA

CATALOGUE
1953 - 1954
ANNOUNCEMENTS
1954 - 1955

TYLER JUNIOR COLLEGE

ANNUAL CATALOG

1953-54

Tyler, Texas

TYLER JUNIOR COLLEGE

East Fifth Street

TYLER, TEXAS

General College Calendar

1954-1955

FALL SEMESTER 1954

September 1, 2, 3	Registration and Orientation
September 6	Classes begin
November 25, 26	Thanksgiving Holidays
December 20	Christmas Holidays begin
January 3	Classes resumed
January 11-17	Fall semester final examinations

SPRING SEMESTER, 1955

January 19, 20, 21	Registration for Spring Semester
January 24	Classes begin
April 8, 9, 10	Easter Holidays
May 17-23	Final Examinations
May 22	Baccalaureate Service
May 27	Commencement

SUMMER SESSION, 1955

May 30, 31, June 1	Registration
June 2	Classes begin
July 4	Holiday
July 14	First term ends
July 15, 16	Registration for second term
July 18	Classes begin
August 26	Second term ends

BOARD OF TRUSTEES

P. C. Pinkerton ..... President
Watson W. Wise ..... First Vice-President
A. D. Clark, Jr. ..... Second Vice-President
Ava Lea Gentry ..... Clerk
Cecil Bagwell
Paul Price
Hubert Tunnell
Dr. Jim M. Vaughn
Mrs. Arthur Squyres

ADMINISTRATION

Harry E. Jenkins, Ph.D. ..... President
Edward M. Potter, M.A., LL.D. ..... Dean
Richard Barrett, M.B.A. ..... Business Manager
Ib Rice, B.S. ..... Registrar
Forest Griffin, M.S. ..... Director of Vocational Education
Joseph Kirshbaum, Mus. M. ..... Director, School of Music
Irving L. Friedman ..... Director of Evening College and Distributive Education
Elizabeth Bryarly, M.A. ..... Dean of Women
Troy Smith, LL.B. ..... Attorney

FACULTY

Harry E. Jenkins ..... President
B.S., Kansas State Teachers College; M.A., The University of Missouri; Ph.D., The University of Texas.

Edward M. Potter ..... Dean
B.A., The University of Texas; M.A., The University of Texas; LL.D., East Texas Baptist College.

Johnny Armstrong ..... Business
B.B.A., The University of Texas; M.B.A., The University of Texas.

Madge Armstrong ..... Nursing
R.N., B.S., Western Reserve University

Richard Barrett ..... Business Manager, Business Administration
B.B.A., East Texas State College; M.B.A., Agricultural and Mechanical College of Texas.

Helen Babcock ..... Speech
B.S., M.A., Louisiana State University.

Elizabeth Bryarly ..... Dean of Women, English
B.A., Baylor University; M.A., The University of Texas.

Harold Clapp ..... Business Law, Economics
B.A., Southern Methodist University; LL.B., Southern Methodist University.

Louise Clinkscales ..... Business
B.B.A., Baylor University

Robert Collins ..... Music
M.M., University of Texas

Jesse G. Edwards ..... Business
B.B.A., North Texas State College; M.B.A., North Texas State College.

Frances Etheridge ..... English, Mathematics
B.A., Southwestern College; M.A., University of Southern California.

J. J. Faust ..... X-Ray Techniques
A.B., Hendrix College; B.S., The University of Arkansas; M.D., The University of Arkansas.

J. Raymond Fisher ..... Public Speaking, Dramatics
B.F.A., Baylor University.

Frances Flaherty ..... Business
B.S., Texas State College for Women.

Mary Jo Foster ..... Nursing
B.S.. Ohio State University.

Ethelwyn Foman ..... Assistant Librarian
B.A., Stephen F. Austin State College.

Edwin Fowler ..... Psychology, Sociology
B.A., Baylor University.

Irving L. Friedman ..... Distributive Education
Distributive Education Certificate.

Helen Glover ..... Music
B.M., Union University.

Averille Greenhaw ..... Home Economics
B.S., Agricultural and Mechanical College of Oklahoma.

Forest Griffin ..... Vocational Education
B.S., East Texas State College; M.S., East Texas State College.

George Griffin ..... Distributive Education
B.B.A., Southern Methodist University.

James L. Hallmark ..... Assistant Director of Physical Education
B.S., Agricultural and Mechanical College of Texas; M.A., Stephen F. Austin State College.

J. C. Henderson ..... Biology, Chemistry
B.A., Rice Institute; M.A., The University of California.

Fred Hester ..... Pharmacology
Th.G., Baylor University.

Jim Anna Honig ..... Nursing
R.N., Harris College of Nursing.

Mildred Howell ..... Spanish, French, Public Speaking
B.A., The University of Missouri; B.S., The University of Missouri; M.A., The University of Missouri.

Waunelle Hughes ..... Anatomy, Microbiology
M.D., The University of Texas.

Wiley W. Jenkins ..... History, Government
B.A., The University of Mississippi; Ph.D., The University of Texas.

Georgie Jones ..... Government, Economics
B.A., The University of Texas; M.A., The University of Texas.

Johnnye Kennedy ..... Librarian
B.A., in Library Science, Texas State College for Women.

Joseph Kirshbaum ..... Music
Mus. B., Yale University; Mus. M., Yale University.

Gertrude Kirshbaum ..... Music
Diploma in Music, Yale University.

Charles Morrow ..... Radio-Television

J. P. Mullowney ..... Applied Laboratory Techniques
B.S., Loyola University; M.D., Loyola University.

Grace Ogburn ..... Nursing
B.S., George Peabody College for Teachers.

Myra Potter ..... Art
B.S., Texas State College for Women.

Blanche Prejean ..... English, Journalism
B.A., Texas Wesleyan College; M.A., Stephen F. Austin State College.

Ib Rice ..... Registrar, Agriculture
B.S., Agricultural and Mechanical College of Texas.

Ernest Roberts ..... Psychology
M.S., East Texas State College.

James Russell ..... Mechanical Drawing

Isaac C. Sanders ..... Physics, Geology
B.A., Rice Institute; M.A., The University of Texas.

Eva Saunders ..... Public Speaking
B.A., Baylor University; M.A., The University of Texas.

Joseph Selman ..... Applied X-Ray Techniques
B.S., Rensselaer Polytechnic Institute; M.D., Western Reserve Medical School.

Richard Schaefer ..... Electrician Apprentices

Sammie Smyrl ..... Mathematics
B. A., East Texas State College.

Etta M. Spivey ..... Business
B.S., Mary Washington College.

George Stiles ..... Biological Science
B.S., Sam Houston State College; M.A., Colorado State College of Education.

J. Doyle Stiefer ..... Radio-Television

Lofton Stelter ..... Auto Mechanics

Dale Stonecipher ..... Music
M.M., Cincinnati Conservatory of Music.

Mildred Stringer ..... Counselor
B.S., East Texas State College.

Mary F. Thornton ..... Nursing
R.N., St. Paul's School of Nursing.

Samuel Topperman ..... Nursing
M.D., George Washington University.

Nora Townsend ..... Nursing
R.N., Baylor University Hospital.

Byron Tunnell ..... Business Law
LL.B., Baylor University.

Floyd Wagstaff ..... Director of Physical Education
B.S., Stephen F. Austin State Teachers College; M.A., North Texas State College.

Mary Yeager Wallace ..... Education, English
B.A., Hardin-Simmons University; M.A., The University of Texas.

Harvey Wessel ..... English
B.A., The University of Cincinnati; M.A., The University of Cincinnati.

W. V. Whiteley ..... Machine Shop-Welding

Mabel Williams ..... Mathematics
B.A., The University of Texas; M.A., The University of Texas.

Oscar Ziegler ..... Music
Artist Diploma, Geneva Conservatory of Music.

TYLER JUNIOR COLLEGE

East Fifth Street
TYLER, TEXAS

GENERAL INFORMATION

The History of Tyler Junior College

The Tyler Junior College was established in 1926 through the efforts of many of Tyler's leading citizens who saw the need for an institution of standard collegiate rank in this area.

The year 1954-55 will be the twenty-ninth year of the college. Hundreds of young men and women have attended the college because of its high standards, its convenience, and the economy of remaining at home while doing college work.

On November 13, 1945, the voters established an independent Tyler Junior College District, voted a tax levy to support the college, and authorized a bond issue for the expansion and improvement of the institution. Through the bond issue and contributions by many leading citizens, the erection of an entirely new plant of five modern buildings has now been completed.

At the present time a program to enlarge the territory of the Tyler Junior College District is in progress. Already eight districts have voted to become a part of the Tyler Junior College District and receive all the benefits of the college for their students. These eight districts which, in addition to the city of Tyler, now compose the Tyler Junior College District are:

The Winona Consolidated Rural High School District No. 67.
The Chapel Hill Independent School District
The Lindale Independent School District
The Rice Consolidated Common School District No. 13
The Dixie Rural High School District No. 5
The Swan Consolidated Common School District No. 60
The Pine Springs Common School District No. 48
Flint Common School District No. 18

The enlargement of the district makes possible an extended service by Tyler Junior College and reduces the cost of attending college for those students whose residence is in the Tyler Junior College District.

Functions of the College

The course of study is intended to meet the needs of students who expect to take four years of college work, of those who intend to enter professional schools, and those who are preparing to begin a life's work after completing a year or more in college. An equally important function of the Tyler Junior College is an adult education program which meets the needs of the area. The basic purpose of the institution is to prepare for good citizenship.

Accrediting and Affiliation of the College

The Tyler Junior College is a member of the Association of Colleges and Secondary Schools for the Southern States, the Texas Association of Colleges, and the Texas Association of Music Schools.

Membership in these accrediting associations makes possible the transfer of credit work done in Tyler Junior College to other colleges and universities.

Transfer to Other Institutions

Since colleges differ in their curricula, a student should secure the catalogue of the institution to which he intends to transfer credit. The student should plan his courses for his first two years in accordance with the degree plan of the institution to which he will transfer.

Library

An excellent reference library consisting of more than 10,000 volumes is housed in the main college building, where a beautiful reading room is available for student use.

SCHOLARSHIPS AND AWARDS

Honor Graduate Scholarship

The highest honor graduate of any affiliated high school is given a scholarship covering his tuition. This scholarship must be used within one year from the date of graduation.

The Young Men's Bible Class of the First Baptist Church

The Young Men's Bible Class of the First Baptist Church awards a scholarship to a meritorious Baptist student.

A.A.U.W. Loan Fund

The Tyler Branch of American Association of University Women provides a loan of $150 per year to a deserving young woman who is a graduate of any high school in Smith County and who pursues her studies in Tyler Junior College. Application will be made to the principal of the high school.

The Coterie Club

The Coterie Club, composed of musicians and music lovers, has established a scholarship which is awarded annually to a student who shows outstanding talent in music.

Mr. and Mrs. Wilton Fair

Mr. and Mrs. Wilton Fair have established an endowment which is used each year for scholarships and similar purposes.

This endowment consists of the revenue from certain valuable oil properties deeded to the college by Mr. and Mrs. Fair. Mr. Fair, a former member of the Board of Trustees of Tyler Junior College and one of its most active supporters, and Mrs. Fair established this fund in 1952.

The En Avant Club

The En Avant Club, a group of civic-minded young ladies, annually provides a scholarship to some young woman through its loan fund.

The Swanson Award

A prize of $100 is awarded by former Representative F. G. Swanson for an essay contest concerning a subject in the field of government.

The Laura Greer Scholarship

The Third District of the Texas Federation of Women's Clubs has established this scholarship in honor of Mrs. Laura Greer, Past President of the Third District. The amount of $100 is awarded annually under the rules prescribed by the Federated Club Committee.

1. The award is made to a second-year student, man or woman, majoring in government.
2. Personal qualities are:
   (a) The student must be worthy
   (b) The student must rate high in scholarship
   (c) The student must show a sustained interest in good government.

Vaughn Foundation Loan Fund

Through the Vaughn Foundation, Dr. Edgar H. Vaughn, a public-spirited friend of Tyler Junior College, has set up a student loan fund. Any worthy full-time student approved by the faculty scholarship committee is eligible for a loan free of interest until graduation in his chosen field.

Watson W. Wise Incentive Award

An endowment fund established by Honorable Watson W. Wise, First Vice-President of the Board of Trustees of the college, who has made many generous gifts to the college, provides an annual sum for a beautiful trophy cup awarded to the student chosen by a faculty committee as best exemplifying the virtues of industry, scholarship, and student activity.

Henry King Kiwanis Scholarships

Through the generosity of Mr. Henry King, the Tyler Kiwanis Club annually provides two scholarships of up to one hundred fifty dollars each. These are granted to Smith County young men on the basis of ability and need.

VOCATIONAL REHABILITATION

The State Board of Vocational Education, through the Vocational Rehabilitation Division, offers assistance for tuition to students who have physical disabilities, provided the vocational objective selected by the disabled person has been approved by a representative of the Division. Application for Vocational Rehabilitation assistance should be made to the nearest Rehabilitation office or to the Director of Vocational Rehabilitation, 302 Walton Building, Austin, Texas.

STUDENT INFORMATION

Student Load

Except by special permission from the Registrar or the Dean, a student will not be permitted to register for fewer than four or more than five courses.

Tuition and Fees

Tuition rates in Tyler Junior College are low, since the college is partially supported by the State of Texas. Tuition is due in full for the semester, on or before October 31.

Tuition per semester is as follows:

	Tuition Per Semester
Residents of the TJC District:*	
For three or more subjects	$45.00
For two subjects	20.00
For one subject	10.00
Non-Residents of the TJC District:*	
For three or more subjects	$60.00
For two subjects	25.00
For one subject	15.00

Vocational and terminal courses—see special announcements of these courses for rates.

Nurse trainees in the State Tuberculosis Hospital $31.00 per semester.

Music tuition per semester—Individual lessons

	Regular Students Who Enroll for 12 Sem. Hrs. or More		Special Students Who Enroll for Music Only	
	One 30-min. Lesson Per Week	Two 30-min. Lessons Per Week	One 30-min. Lesson Per Week	Two 30-min. Lessons Per Week
Piano	$54.00	$90.00	$72.00	$126.00
Voice	54.00	90.00	72.00	126.00
Violin, Violincello	54.00	90.00	72.00	126.00
Harp	54.00	90.00	72.00	126.00
Organ	54.00	90.00	72.00	126.00
Clarinet	45.00	81.00	54.00	90.00

Piano Pedagogy (One two-hour session per week) $30.00
Voice Diction (one hour per week) 18.00
Practice Room (four hours per week) 4.00

Graduation Fees

A cap and gown fee of $3.00 and a diploma fee of $3.00 are paid by students at the time of graduation.

* The amount of $1.00 is allowed to the college newspaper, The Pow-Wow as a subscription fee.

Non-Resident Tuition

Students whose residence is outside the State of Texas, and who are thereby classified as non-resident students according to the definition provided by House Bill 507 (enacted by the Fiftieth Legislature of the State of Texas), are charged a non-resident tuition of $75.00 per semester for a full student load of twelve hours or more in accordance with the provision of House Bill 507.

For less than twelve semester hours the non-resident rate is $6.25 per semester hour, with a minimum of $7.50.

Refund Policy

During the regular sessions (fall and spring semesters) the tuition charge for withdrawals effected during the first two weeks of classes is 20 percent of the regular tuition fee. The tuition charge for withdrawals effected during the third week of the semester is 40 percent of the total, 60 percent during the fourth week, 80 percent during the fifth week, and 100 percent after the fifth week.

Attendance

Regular class attendance is fundamental for the success of the student; therefore a student must report promptly and regularly to all classes. Excessive absence will be cause for dropping the student from the rolls.

ACTIVITIES

The Tyler Junior College provides various types of student activities which furnish training in leadership, afford opportunities for diversion, and serve as a means of student development. Among these activities are the following:

The Apache

The Apache is the college yearbook. It is an outstanding publication edited and published by a student staff.

The Apache Band

The famous Apache Band is the official college band, open to all qualified students.

The Pow-Wow

The Pow-Wow, the official college newspaper, is prepared and managed by a student staff under the direction of faculty sponsors. Students act as reporters, editors, and business managers of this publication. The paper is furnished free to students.

The Apache Belles

The internationally famous Apache Belles is a uniformed women's organization which presents skilled group performances and routines at football games, and on other occasions.

Throughout the year special study is given to good taste in cloth ing, make-up, manners and general personal improvement.

Athletics

The college schedules inter-collegiate games in football, basketball, tennis, track and golf as a member of the Longhorn Junior College Conference.

The Atta Kula Kula

This traditional organization of the women of the college provides a general program of recreation, entertainment, instruction and social activity for all women interested in membership. For the past eight years Mr. and Mrs. D. K. Caldwell have provided a dinner for all members of the organization.

The College Choir

The College Choir is a choral society open to capable students interested in vocal music.

Debate and Other Speech Activities

Students who are interested in working with debate comprise the Debate Squad. The chief work of the club is research and actual debating on the current debate topic of the Texas Junior College Speech Association. The college also sponsors entries in Oratory, Extemporaneous Speech, and Poetry Reading. These contestants and members of the Debate Squad usually attend speech tournaments at other colleges.

The record of the Tyler Junior College speech contestants has been outstanding.

The Engineers' Club

This club is composed of students interested in all fields of engineering. Various field trips are taken to indicate the future possibilities of the different branches of the engineering profession.

The Dollars and Sense Club

This organization consists of students preparing to enter the business vocations, such as secretarial and clerical. It provides helpful guidance to the members of the club, as well as pleasant social activities.

Las Mascaras Dramatic Club

Las Mascaras fosters an interest in all phases of dramatic art. Meetings are held semi-monthly, including several social meetings each year. Any student in Junior College who is interested in dramatics is eligible for membership. Las Mascaras sponsors major productions each year and also an entry in the one-act play contest of the Texas Junior College Speech Association.

Phi Theta Kappa

Is composed of members selected on the basis of scholarship, character, leadership and service. Its membership is restricted to ten per cent of the students enrolled in the Tyler Junior College, and the faculty and local chapter name as members those students meriting special honor.

Social Activities

The social activities of the college include at least one general social event each college month. The parties, dances, and other social affairs are under the direction and management of the Student Council and a faculty committee.

The Student Council

The student council is the official organization for student government.

Honor Roll

To promote high standards of scholarship, the college has established an honor roll. Ten honor points are necessary for eligibility. The grade of A carries three honor points; the grade of B, two; and the grade of C, one. The student must be enrolled in at least four courses and no grade may be less than C.

REQUIREMENTS FOR ADMISSION

Registration

Registration for the fall semester begins early in June and continues daily throughout the summer. In this system the student is assured of thorough and leisurely counseling on the many available degree plans.

Students will avoid delay in registering by sending a transcript of credits from the high school or college last attended.

1. For Admission Without Condition

For full admission to academic or business courses, graduation from a standard high school with at least fifteen units of high school credit, including three units in English, is required. The elective units must be chosen from the list approved by the Texas Education Agency.

2. Admission By Examination

Students who are not graduates of a high school may absolve the deficiency by taking examinations.

3. Admission To Vocational Courses

Any person who is at least 18 years of age will be admitted to the vocational courses if, in the judgment of the Director of Vocational Education, he can successfully complete this work.

REQUIREMENTS FOR GRADUATION

Degrees and Certificates

The college offers degrees or certificates of proficiency to those who successfully complete the requirements as set forth for the particular diploma desired; who make proper application to the Registrar for that diploma and pay the required fee.

Associate in Arts Degree

Students who complete specified liberal arts requirements for graduation receive the Associate in Arts Degree. Students must complete sixty semester hours of work (exclusive of physical training) with an average grade of at least C.

The sixty semester hours should include twelve hours in English, three in government, and at least fifteen hours of sophomore rank; however, the degree will be granted to any student completing any required sixty hours of a baccalaureate degree plan, provided Government 223A is included and the general average is at least C. At least fifteen semester hours must be completed at Tyler Junior College.

Students who graduate are required to attend the commencement exercises unless excused for good reason.

Associate in Science Degree

The degree of Associate in Science is conferred upon students who complete a minimum of sixty semester hours (exclusive of physical training) combining liberal arts with certain vocational courses. An average of C must be attained and Government 223A must be completed.

The degree is granted in the secretarial field, in accounting, laboratory technology, nursing arts, and medical secretaryship.

Proficiency Certificates

Students who satisfactorily complete courses of a vocational nature will be awarded certificates of proficiency.

Explanation of Hours, Courses, Numbering and Credit

One semester hour represents one class hour per week for four and a half months; in other words, one course meeting three hours a week for nine months carries credit of six semester hours.

Courses are numbered as follows (except in nursing): The **first digit** of the number **indicates the college year** in which the course is taken; the **second digit** in the number **indicates the semester** of the year in which the course is taken; the **final digit indicates the credit value** of the course in semester hours; thus, English 123 indicates that the course is the first year, second semester English with a credit value of three semester hours. The addition of a lower case letter indicates that the course is taught in two or more divisions.

All descriptive titles of courses are followed by two numbers in parenthesis. The first of these numbers gives the number of class meetings each week while the second number gives the number of hours of laboratory each week. For example, the notation (3-2) indicates that a course has three class meetings and two hours of laboratory weekly.

Prerequisite Courses

The description of each course is followed by a specification of prerequisite courses, if any. No student may enter a course unless he has had the prerequisites.

Withdrawal of Courses

A course may be withdrawn unless it is elected by a sufficient number of students. In general, a course will not be given for fewer than eight students.

Dropping Courses

No student may withdraw from any course he has entered except by permission of the Dean or Registrar. A student dropping a course without permission will be given a grade of F on the course.

Reports of Grades

Reports of students' grades and standing are mailed to parents following each nine weeks. Complete reports are also mailed at the end of each semester.

Grades and Reports

Students' marks in all courses are filed in the office of the Registrar, and the records are the official records of the College. Students or parents will receive marks every nine weeks. A final mark will be reported at the close of each semester. The standing of the student in each course is determined by his daily performance, by regular examinations, by projects and contracts involving mental and motor skills. Adequate preparation is expected of each student. Two hours is considered a reasonable amount of time for average students to spend in preparation for each hour of class work.

Students' marks may be interpreted as follows:

A Excellent
B Good
C Average
D Poor
E Conditional*
F Failure
I Incomplete
X Official drop while passing
XF Official drop while failing
Q Unofficial drop
W Official withdrawal from college while passing
WF Official withdrawal from college while failing

SUGGESTED COURSES OF STUDY FOR FRESHMEN

The following plans are a few of the most popular fields and do not indicate that others cannot be taken. College officials will gladly work out degree programs in any desired field.

Since college plans differ, the student should check his course by the catalogue of the college to which he intends to transfer or request the Registrar to assist him in doing so.

Agriculture

(Texas A.&M. Plan. Special course plans for other institutions will be arranged.)

* A student making E will be permitted to remove the condition by a second examination within a semester.

SUBJECT	CREDIT
English	6 semester hours
Chemistry	8 semester hours
Algebra	3 semester hours
Biology 113-A	3 semester hours
Agriculture	12 semester hours

Bachelor of Arts or Bachelor of Science Degree

English	6 semester hours
Mathematics	6 semester hours
History	6 semester hours
Natural Science	8 semester hours
Foreign Language	8 semester hours

Bachelor of Business Administration

Mathematics	6 semester hours
English	6 semester hours
Natural Science or Accounting*	8 semester hours
Public Speaking	3 semester hours
Electives*	9 semester hours
Typewriting (non-credit)	0 semester hours

Dentistry

English	6 semester hours
Chemistry	8 semester hours
Biology	8 semester hours
United States History	6 semester hours
Elective	3 semester hours

Elementary Education Major

English	6 semester hours
Education	6 semester hours
American History	6 semester hours
General Biology	8 semester hours
Music or Art	6 semester hours

Secondary Education Major

The plan is the same as the above except Music or Art is not required unless the student plans to major in one of these fields. Others should substitute subjects in the chosen major fields for Music or Art.

Engineering

English	6 semester hours
Chemistry	8 semester hours
Engineering Drawing	3 semester hours
Descriptive Geometry	3 semester hours
Engineering Problems (A.&M. students only)	3 semester hours
Algebra	3 semester hours
Trigonometry	3 semester hours
Analytics	3 semester hours
Physics 124-A (University of Texas students only)	4 semester hours

*Depending upon senior college choice.

Forestry

English	6 semester hours
Algebra	3 semester hours
Biology 114	8 semester hours
Trigonometry	3 semester hours
Engineering Drawing	3 semester hours
Descriptive Geometry	3 semester hours
Agriculture Elective	6 semester hours

Home Economics

English	6 semester hours
Chemistry	6 or 8 semester hours
Home Economics	6 semester hours
Education	6 semester hours
History	6 semester hours

Law

History	6 semester hours
English	6 semester hours
Natural Science	8 semester hours
Mathematics	6 semester hours
Public Speaking	6 semester hours
Typewriting, (non-credit, if taking the Business Administration Plan)	0 semester hours

Medicine

English	6 semester hours
Chemistry	8 semester hours
Mathematics	6 semester hours
French	8 semester hours
Biology	8 semester hours

Pre-Nursing

Baccalaureate Degree Plan

English	6 semester hours
History	6 semester hours
Biology or Chemistry	8 semester hours
Mathematics	6 semester hours
Elective	6 semester hours

Optometry

English	6 semester hours
Physics	8 semester hours
Chemistry	8 semester hours
Biology	8 semester hours
Mathematics	6 semester hours

Pharmacy

English	6 semester hours
Biology	8 semester hours
Physics	8 semester hours
Chemistry	8 semester hours
Elective	6 semester hours

SPECIAL OCCUPATIONAL PLANS

(To be completed at Tyler Junior College)

Laboratory Technology

Designed to meet the particular needs of the medical profession in the East Texas Area, this two-year course as outlined not only enables the trainee to perform laboratory technician duties but also those of a medical secretary. Completion of a third year qualifies the student for examination leading to registry as a licensed laboratory technician.

Associate in Science in Laboratory Technology

(Medical Secretary option)

FIRST SEMESTER

1. English 113
2. Chemistry 114
3. General Biology 114
4. Anatomy and Physiology 114-A
5. Microbiology 113

SECOND SEMESTER

1. English 123
2. Chemistry 124
3. Biology 124
4. Elective
5. Applied Techniques 114

THIRD SEMESTER

1. Chemistry 214
2. Applied Techniques 124
3. Sociology 213
4. Shorthand 113
5. Typing 113

FOURTH SEMESTER

1. Chemistry 224
2. Applied Techniques 213
3. Government 223-A
4. Shorthand 123
5. Typing 123

X-Ray Technology

To meet the growing demand for specialized trainees in X-Ray Technology, the Tyler Junior College offers a one-year program in this field.

Since the program is approved by the American Medical Association, graduates are eligible to take examinations for registry.

One-Year Certificate

Physics 114
Algebra 113-C
English 113
X-Ray Techniques*

Medical Secretary
Associate in Science in Medical Secretaryship

FIRST SEMESTER

1. English 113
2. Shorthand
3. General Biology 114
4. Anatomy and Physiology 114-A
5. Typing

SECOND SEMESTER

1. English 123
2. General Biology 124
3. Pharmacology 113
4. Shorthand
5. Typing

THIRD SEMESTER

1. Advanced Shorthand
2. Accounting
3. Business and Medical English
4. Microbiology 113
5. Sociology 213

FOURTH SEMESTER

1. Advanced Shorthand
2. Government 223-A
3. Secretarial Practice
4. Business Machines
5. Sociology 223

(*X-Ray Techniques courses are taken at Medical Center and Mother Frances Hospitals).

NURSING EDUCATION

Vocational Nursing

The Tyler Junior College School of Vocational Nursing is fully accredited and approved by the Texas State Board of Vocational Nurse Examiners.

It offers a twelve-month course leading to the examination for Texas State Registration as a Vocational Nurse.

The first four months are spent in classroom instruction, including lectures and demonstrations at the College. Class work includes general background and special skills of Vocational Nursing.

The last eight months are completed in local hospitals. Practice is done under the direction of a nurse-instructor who is employed by Tyler Junior College.

During the last eight months the trainee is paid a stipend by the hospital for service rendered.

Professional Nursing

The Tyler Junior College cooperates with the Texas Eastern School of Nursing by teaching under contract the first two nine-month academic years of the required three-year course of study leading to eligibility to take the State examinations for registration as a professional nurse with the title of R. N.

After the required course in Tyler Junior College, the student completes the summers and third year in the Texas Eastern School of Nursing, an independent, incorporated State-approved nursing school in Tyler.

The following is the curriculum for the first two academic years as taught in Tyler Junior College:

First Year—First Semester:

Biology 114A	4 semester hours
Chemistry 113	3 semester hours
Psychology 113A	3 semester hours
Biology 113	3 semester hours
Nursing 112B	2 semester hours
Nursing 113	3 semester hours

First Year—Second Semester:

Biology 122A	2 semester hours
Nursing 123	3 semester hours
Chemistry 123	3 semester hours
Pharmacology 113	3 semester hours
Home Economics 123C	3 semester hours
Nursing 121	1 semester hour
Nursing 121A	1 semester hour

Second Year—First Semester (for students who began in 1953):

English 113	3 semester hours
Biology 122A	2 semester hours
Nursing 216	3 semester hours
Nursing 214	3 semester hours
Sociology 213	3 semester hours
Nursing 226	3 semester hours

Second Year—Second Semester:

Government 223A	3 semester hours
English 123	3 semester hours
Nursing 223	3 semester hours
Nursing 212	2 semester hours
Nursing 222	2 semester hours

Nurse Technician Program

For State Tuberculosis Hospital Nursing

In cooperation with the Texas State Hospital System the Tyler Junior College offers a two-year course of study for the training of nurses in the State Tuberculosis Hospital at Owentown, Texas.

To enter this program a student must meet the admission requirements listed on Page 14, and in addition, must have passed an aptitude test given by the State Hospital System.

While engaged in the course the students are paid employees of the State Hospital System and are thereby given practical training in connection with their theory courses.

The work is of the regular college level; it meets the same number of weeks and hours as the other college courses, and the academic courses carry transferable college credits.

Basic Technical Nurse Course (First Year)

English 113	3 semester hours
Chemistry 113	3 semester hours
Biology 113	3 semester hours
Biology 114A	4 semester hours
Biology 122A	2 semester hours
Psychology 113A	3 semester hours
Nursing 113-123	6 semester hours
Nursing 212	2 semester hours
TOTAL	26 semester hours

Advanced Technical Course (Second Year)

Home Economics 123C	3 semester hours
Nursing 213B	3 semester hours
Nursing 216	6 semester hours
Pharmacology 113-123	6 semester hours
Sociology 213	3 semester hours
Nursing 213C	3 semester hours
Nursing 213-223	6 semester hours
TOTAL	30 semester hours

SUGGESTED INTENSIVE BUSINESS AND COMMERCIAL COURSES

These courses are planned to train the student for work in an office.

Students who complete courses with the required proficiency receive appropriate "Certificate of Proficiency."

GENERAL BUSINESS COURSE

Shorthand
Typewriting
Secretarial Training
Business English
Accounting
Office Machines

JUNIOR ACCOUNTING COURSE

Federal Tax Accounting
Business Law
Typewriting
College Accounting
Automobile Accounting
Mathematics of Accounting
Office Machines

SECRETARIAL COURSE

Shorthand
Mathematics of Accounting
Typewriting
Business English
Secretarial Accounting
Stenographic or Clerical Training

STENOGRAPHIC COURSE

Shorthand
Typewriting
Mathematics of Accounting
Business English
Secretarial Training
Office Machines

For students interested in intensive training on special office machines, special courses covering the Comptometer and the Monroe Calculator are offered.

ASSOCIATE IN SCIENCE DEGREE IN BUSINESS

For business students interested in more than the traditional, intensive business course, the Degree of Associate-in-Science in Business is awarded, either in the secretarial or accounting fields, upon the completion of sixty hours of work. Students will find the extra time and study well worth the effort upon receipt of this degree. Suggested courses of study are as follows:

SUGGESTED ASSOCIATE IN SCIENCE DEGREE PLANS

Secretarial Plan (Freshman Year)

English 113-123	6 semester hours
Typing 113-123	6 semester hours
Shorthand 113-123	6 semester hours
Business English	3 semester hours
Mathematics of Accounting	3 semester hours
Elective*	3 semester hours
Business Law 113	3 semester hours
	30 semester hours

*Recommendations

Legal secretaries take U. S. History; oil company secretaries take Geology; school secretaries take Education 113-123.

(Sophomore Year)

English 223	3 semester hours
Government 223A	3 semester hours
Shorthand 213-223	6 semester hours
Economics 213	3 semester hours
Secretarial Training 113-123	6 semester hours
Typewriting 213-223	6 semester hours
Office Machines 113	3 semester hours
	30 semester hours

Accounting (Pre-C.P.A. Examination Plan)
(Freshman Year)

Typewriting 113-123	6 semester hours
Algebra 113C	3 semester hours
Automobile Accounting 123A	3 semester hours
Office Machines 113	3 semester hours
Federal Tax Accounting 123B	3 semester hours
Business Law 113	3 semester hours
Accounting 214-224	8 semester hours
Mathematics of Finance 123	3 semester hours
	32 semester hours

Business English 113C (Alternate for Typewriting 123)

(Sophomore Year)

Accounting 213-223	6 semester hours
Auditing 213B-223B	6 semester hours
Cost Accounting 213A	3 semester hours
Municipal and Government Accounting 223A	3 semester hours
Economics 213	3 semester hours
Advanced Business Law 213	3 semester hours
C.P.A. Problems and Review 223C	3 semester hours
Government 223	3 semester hours
	30 semester hours

Complete General Business Plan
(Freshman Year)

Shorthand 113-123	6 semester hours
Typewriting 113-123	6 semester hours
Secretarial Training 113-123	6 semester hours
Business English 113C	3 semester hours
Mathematics of Accounting 113	3 semester hours
Accounting 114-124	8 semester hours
Office Machines 113	3 semester hours
Bookkeeping Machines 111	1 semester hour
	36 semester hours

(Sophomore Year)

Government 223	3 semester hours
Shorthand 213-223	6 semester hours
Typewriting 213-223	6 semester hours
Economics 213	3 semester hours
Speech 113	3 semester hours
Business Law 113	3 semester hours
Dictaphone 111	1 semester hour
Calculator 113 or Comptometer 113	3 semester hours
	28 semester hours

ADULT EDUCATION - EVENING COLLEGE

Many adults enroll for one or more courses in the college. Some enroll in regular academic courses, such as English, government and history, while others enroll for vocational work such as typewriting, shorthand, woodwork and welding.

In order to accommodate these students classes are arranged at any convenient time for them. A regular schedule of evening classes has been arranged, meeting from 7:00 p.m. until 9:30 p.m.

Any adult interested is invited to call the Registrar, Phone 4-4281, or the Director of Evening College, Phone 2-6761, for further information.

DESCRIPTION OF COURSES

For a description of the system of numbering of courses, see Page 15 of this catalogue.

Agriculture

Courses with the asterisk are offered in 1954-55.

***Agriculture 113. General Animal Husbandry (2-2).** An introductory survey course intended to acquaint the student with the importance of livestock and livestock farming. General factors influencing efficiency in feeding, market value, breeding, health and adaptability of various species to geographical and climatic regions are studied. The course is designed to develop in the student an appreciation of improved livestock. Selecting and judging the various breeds and market classes are stressed in laboratory.

***Agriculture 113A. General Entomology (2-2).** The systematic position of the various insects; the relation of the anatomy of the insect to control measures; the life histories of the more common insects; methods of control for injurious forms.

Agriculture 113B. Dairying (2-2). Dairying in its relation to agriculture and community development; branches of dairy industry and conditions affecting their development; the place of dairying on the farm; composition and food value of milk and its products; the production and handling of clean milk on the farm.

Agriculture 113C. Poultry Production (2-2). The breeds and types of poultry, culling, poultry for egg production, incubation, brooding and feeding for growth and egg production, winter and summer management, housing and hygiene, preparing poultry for market, methods of marketing; practical application of these subjects to general farm conditions. The practice consists of the identification of breeds and varieties, judging poultry for egg production, plans for poultry farms and poultry houses, identification of feeds.

Agriculture 113D. Floriculture (2-2). A course dealing with the many phases of ornamental gardening. New methods in pest control, moisture determination in soils, and other later techniques.

***Agriculture 123. Fundamentals of Crop Production (2-2).** Classification and distribution of farm crops; importance of good varieties and good seed; crop improvement; preparation of the seed bed, commercial fertilizers, manures and lime; seeding practices; crop tillage; harvesting; meadow and pasture management; weeds; crop rotation; diseases and insect enemies.

***Agriculture 123A. Economic History of Agriculture. (3-0).** The economic history of American agriculture and its European background; the interrelationship between development in agriculture and industry and commerce; the growth of institutions and the enactment of legislation for the advancement of agriculture.

Agriculture 123B. Horticulture (2-2). A general study of horticulture; the growth and fruiting habits of horticulture plants; a study of the principles and practices of propagating vegetables, fruits and ornamentals, including the methods of handling seed, cuttage, layerage, grafting, budding and bulbs; a study of the planting, fertilization, care, culture, harvesting, handling and utilization of fruit and vegetable crops.

Agriculture 123C. Marketing of Agriculture Products (3-0). A study of the general principles, practices, and problems involved in marketing farm products.

Art

Art 113. Creative Design (2-4). Fundamental experience with various materials; emphasis upon the development of an awareness of the factors of visual expression, color and form. Emphasis upon design.

Art 123. Creative Design. (2-4). A basic course in the fundamentals of color and drawing in design.

Art 113A. Home Planning and Furnishing, (Interior Decoration) (2-4). This course includes some work in floor plans in relation to the work units and furnishings of the home. A study is made of furniture and the selection and placing of furnishings suited to the modern home.

Art 113B. Introduction to Art Appreciation (3-0). This course is open to all students as an elective. Its purpose is to give a better understanding of the part art plays in the home, the community, religion, industry, and commerce. Studies of examples of the art of the past will be compared with contemporary work.

Art 113E. Applied Design. Study of design applied to crafts, such as leather, plastics, metal, papier-mache, carving, basketry, puppetry, and modeling.

Art 113F. Drawing and Painting. Practice in freehand drawing, sketching, and oil painting for beginners.

Art 113H. Modeling and Pottery. Instruction in preparation of clays for ceramics; study of processes of making pottery, including the coil, slab, slip casting, and turning methods. Modeling in relief and in the round, and an introduction to firing and glazing.

Art 113I. Creative Hobbies. For recreational leaders, prospective teachers or workers with therapeutic art for hospital work, or for anyone wishing to develop a hobby. Study and practice of weaving, modeling, carving, leather craft, textile printing, dyeing, etc. Conducted as a workshop, each student choosing crafts of individual interest.

Art 113J. Costume Design. Application of art principles to dress. Design for various occasions, and for the stage. Study of personality and of period costumes and their relations to modern costuming. Personal grooming.

BIBLE

(By affiliation with the Smith County Baptist Chair of Bible)
(A maximum of twelve semester hours will be accepted toward a degree)

Bible 111. Homiletics (1-0). Sermon Preparation.

Bible 121. Homiletics (1-0). A continuation of Bible 111.

Bible 113. Old Testament Survey (3-0). A study of all the books of the Old Testament giving attention to the historical setting, the message, and the place of each book in its relation to the Bible as a whole.

Bible 123. New Testament Survey (3-0). A study of all the books of the New Testament as to author, message, and relation to the entire Bible.

Bible 213. Life and Teachings of Christ (3-0) A study of the life of Jesus and His teachings as applied to present day life.

Bible 223. Life and Teachings of Paul (3-0). A study of the life and teachings of Paul and their part in the early spread of Christianity.

Theology 213A. Comparative Religions (3-0). A survey of the principal religions of mankind past and present.

Biology

Biology 114. General Biology (3-3). A study of the nature of protoplasm and the structure and function of cells is followed by a systematic survey of representative types, with emphasis on such forms as are of human interest or application. Synthetic processes in plants and the cycle of the elements in nature are next considered. Finally, a study of adaptations in selected types is made the basis for a consideration of the origin of species.

Biology 124. General Biology (3-3). Organ systems of vertebrates with special reference to man, a brief introduction to embryology, and the basic principles of genetics.

Biology 113A. General Botany of Seed Plants (2-3). A study of the seed plant as a living unit; external and internal structures in relation to life processes; reproduction and life history.

Applied Laboratory Technology 114-124. (2-8). Theory and practice in the science on a professional basis.

Biology 114A. Anatomy and Physiology (3-3). A study of the anatomy and physiology of the human body. Emphasizes biological principles as applied to vertebrates in general and especially man.

Biology 122A. Anatomy and Physiology (2-2). A continuation of Biology 114A.

Biology 113. Microbiology (3-2). The characteristics and activities of microorganisms and their relation to health and disease.

Business Administration

Business Administration 110T-120T. Elementary Typewriting (1-2). A beginner's course in typewriting. Exercises for the mastery of the keyboard by the touch system, instruction in the care of the machine, study of form and arrangement of simple business letters and simple centering. Required of B. B. A. students.

Typewriting problems in addressing envelopes, writing business letters, tabulation, manuscript writing, and legal document writing.

Business Administration 111K. Income Tax Problems. A course dealing fundamentally with income tax in relation to accounting and preparing of business income tax returns.

Business Administration 112. Oil and Gas Law (2-0). A course designed for workers in the petroleum production, leasing, scouting and other oil industry activities.

Business Administration 114. Real Estate Law (4-0). The legal decisions and statutory provisions regarding the real estate business.

Business Administration 113A. Oil Accounting (3-3). Present accounting methods and procedures peculiar to the oil industry. Emphasis is placed on specific procedures relative to this field.

Business Administration 113C. Business English and Business Correspondence (3-0). A study of grammar, punctuation, sentence structure, and paragraphing, and composition of business letters.

Business Administration 113D. Business Mathematics (3-0). This course covers the simpler exercises and problems of every day business calculations—including such topics as: the use of aliquot parts, practice on short methods of calculation, fractions, percentage, interest and discount, bonds, depreciation, social security taxes, property taxes, insurance, and stocks.

Business Administration 113I. Investments. This course analyzes the investment problems from the standpoint of the individual investor. It discusses the principles governing the proper investment of personal and institutional funds.

Business Administration 113L. Business Law (3-0). Treatment of fundamentals, contracts, agency, negotiable instruments, property, and real estate are among subjects covered.

Business Administration 113M. Office Machines (1-4). A course planned to develop in the student a working knowledge of a variety of calculating machines, the dictaphone, the mimeograph, the billing machine, the comptometer and the bookkeeping machine.

A student may arrange to specialize on a particular machine.

Business Administration 113F-123F. Secretarial Practice (2-3). A course designed for students who are interested in the secretarial field. It covers speed dictation, transcription, office ethics, duplicating, office machines, filing and postal information; practice is given in interviewing callers, attending business conferences, and in telephone technique.

Business Administration 113S-123S. Elementary Shorthand (5-5). Detailed study of principles of Gregg Shorthand by Simplified Functional Method. Special attention given to word signs, special forms, phrase writing, and rapid reading of shorthand.

No credit in shorthand is granted until proper efficiency in typewriting is demonstrated. Students must attain a shorthand speed of at least sixty words per minute with not more than 5 errors in order to receive credit in Shorthand 123.

In the second semester there is continued study and review of the principles of shorthand. Dictation and transcription of new matter with emphasis upon readiness and accuracy in transcription.

Business Administration 113T-123T. Typewriting. (1-4). A beginner's course in typewriting. Exercises for the mastery of the keyboard by the touch system, instruction in the care of the machine, study of form and arrangement of simple business letters, and simple centering.

Typewriting problems in addressing envelopes, writing business letters, tabulation, manuscript writing, and legal document writing.

Business Administration 123. Secretarial Accounting (3-0). A study of the fundamentals of double-entry bookkeeping and their direct application to various businesses—insurance, law, cleaning and pressing firms, medicine, retail stores, and corporations—including the analysis of accounts and the preparation of accounting statements.

Business Administration 123A. Automobile Accounting (3-0). General Motors Accounting System, simplified system of Cost Accounting involving costing of materials, labor, and overhead. Course follows Standard outline based on Standard Accounting System prescribed by General Motors Corporation.

Business Administration 123B. Federal Tax Accounting (3-0). Preparation of all forms of tax returns, together with study of pertinent laws and regulations pertaining thereto.

Business Administration 213-223. Intermediate Accounting (3-3). Study of financial accounting principles, including treatment of working papers in the advanced stages. Advanced partnership accounting problems dealing with organization, entrance of new partners, dissolution, and equities. Further study of Corporate Accounting for organization, capital stock, ratios, investments, analysis of statements; including specialized statements such as Application of Funds.

Second Semester—Study of special topics involving problems of consolidation, preparation of consolidated statements, problems in equity with reference to control, Branch accounting, Fiduciary, and other special types of statements and their analysis.

Prerequisite: Business Administration 123.

Business Administration 213A. Cost Accounting (3-0). Accounting for various elements of cost, including organization and procedures involved in recording and assembling data involving labor, material and burden. Study of the various systems; Job order, Process, and Standard Cost. Treatment of predetermined costs for materials, direct labor, and burden.

Prerequisite: Business Administration 123.

Business Administration 213B. Auditing (3-2). Treatment of the principles and procedures employed by Public Accountants in the examination of financial statements, with special emphasis on preliminary work and preparation of audit working papers.

Prerequisite: Business Administration 123.

Business Administration 223B. Auditing (3-2). Further study of auditing problems with special emphasis on check procedures for verification of supporting data. The case method of study of the application of auditing principles and procedure. Preparation of the Audit Report.

Prerequisite: Business Administration 213.

Business Administration 213L. Advanced Business Law (3-0). General principles involving law of bailments, sales, conditional sales, agency, negotiable instruments as they appear in actual cases illustrating practical business problems.

Prerequisite: Business Administration 113L.

Business Administration 213S-223S. Advanced Shorthand and Office Procedure (5-5). Continued study and review of the principles of shorthand. Emphasis on speed building and transcription.

In the second semester emphasis is on taking dictation at very high rates of speed. Dictation is given in the legal, medical, and other technical fields as well as general office routine.

Business Administration 223A. Municipal and Government Accounting (3-0). The study of accounting principles as they apply to the various governmental functions. Special emphasis on accounting for funds and public budgetary problems together with study and analysis of governmental problems as they appear in CPA examinations.

Prerequisite: Business Administration 213.

Business Administration 223C. C.P.A. Review Problems (3-0). Intensive study and analysis of various types of problems appearing in prior examinations. Includes treatment of problems in Accounting Theory, Auditing, and Business Law.

Prerequisite: Business Administration 213.

Business Administration 214-224. Elementary Accounting (3-4). The principles of accounting for a single proprietorship organization. A study of the accounting equation, business transactions, business pa-

pers, ledgers, books of original entry, classification and interpretation of accounts and statements, valuation accounts, accrued and deferred items, and the accounting cycle.

Second Semester—Accounting for partnership and corporate business enterprises. A study of the characteristics of each organization, formation, dissolution, and liquidation.

Prerequisite: Sophomore standing.

Business Administration 213T-223T. Advanced Typewriting Problems (1-4). This course includes business reports, business documents, legal documents, tabulation, statistical material, manuscripts, cutting stencils, various forms of business letters and a continued emphasis upon typing speed and efficiency.

Prerequisite: Business Administration 113T-123T.

Chemistry

Chemistry 114-124. General Chemistry. (3-4). Technical course. Serves prerequisite requirements for engineering, medicine, and other professional courses requiring advanced work in Chemistry. The course deals with the fundamental principles and phenomena of the subject. During the second semester the laboratory work deals with the general principles and methods of qualitative analysis.

Chemistry 113-123. Introductory Chemistry. (2-2). Non-Technical Course which meets the needs of those who do not except to specialize in science, engineering, or medicine. Cannot be substituted for Chemistry 114-124 in meeting prerequisite requirements. Chemistry 113-123 and Chemistry 114-124 may not both be counted for credit.

Chemistry 214-224. Organic Chemistry (3-4). Principles of Organic Chemistry. Prerequisite: Chemistry 124.

Chemistry 214A-224A. Quantitative Analysis (2-6). Quantitative chemical analysis and its theory. Prerequisite: Chemistry 124.

Economics

Economics 113. Consumers Economic Problems (3-0). Fundamental principles in the selection and purchase of consumers goods.

Economics 213. Principles of Economics (3-0). An examination of fundamental economic concepts and principles.

Prerequisite: Sophomore standing.

Economics 223. Economic Problems (3-0). A study of contemporary economic issues and problems.

Prerequisite: Sophomore standing.

Education

Education 113. Introduction to Educational Psychology (3-0). An introductory study of mental life and the psychological principles underlying motivation, behavior, individual differences, and the learning processes.

Education 123E. Introduction to Education (3-0). A brief survey of the general field of education brought out through a study of the evolution of the present day public school and its practices.

Education 213. Fundamentals of Secondary Education (3-0). A study of the relationship of the adolescent psychology to the materials and techniques of the secondary school.

Prerequisite: Ed. 113, Ed. 123.

Education 223. Methods and Managements in the Elementary School. (3-0). Methods of teaching in the elementary grades. Further consideration given to selection of subject matter, organization of lesson plans, and demonstration lessons.

Engineering

Engineering 113. Engineering Drawing (2-7). Care and use of drawing instruments, exercises in the use of the drawing instruments, free-hand lettering, geometric construction of plane curves, orthographic and axonometric projections, conventions, section linings, threads, bolts, rivets, helixes, dimensioning drawings, principles of working drawings, technical sketching, shading, patent office drawings, graphs, structural drawing, topographical drawing, and reproduction drawings.

Mechanical Drawing 113C-123C (2-4). This course includes a study and practice in free-hand lettering, free-hand sketching and free-hand perspective. A thorough study of orthographic projection is made, together with some study in isometric drawing, isometric projection, oblique drawing, oblique projection, cabinet drawing, sections, intersections and developments, revolutions, with some practice in all of the above named divisions of drawing. Elementary architectural drawing is stressed in the second semester. Architectural lettering and conventional symbols are taught. A complete set of plans for a one-story, five or six room, modern frame home or building is drawn. Perspective, rendering, both in elevation and perspective, specifications, and current cost analysis are studied.

Engineering 123. Descriptive Geometry (3-6). Principles of descriptive geometry and their applications to problems of engineering and architecture. Includes auxiliary views, developments, intersections, double-curved and warped surfaces in addition to point, line, and plane problems.

Prerequisite: Engineering Drawing and Solid Geometry.

Engineering 123A. Engineering Problems (2-3). Operation of the slide rule and its use in the solution of problems involving the principles of mechanics. Newton's laws of work, energy, motion and power.

Prerequisite: Mathematics 113A and 113B.

Engineering 223. Applied Mechanics. Statics (3-0). For sophomore students of engineering and architecture, and others who are required to have a comprehensive course in the analysis of forces on structures and machines, the resultants and equilibrium of force systems, friction, moments of inertia of areas, center of gravity, and similar engineering problems.

Prerequisite: Physics 124 or 124A and credit or registration in Calculus 224.

English

English 113. Composition and Rhetoric (3-0). The development of the student's ability to think for himself and to express his thoughts in habitually correct, clear language. A study of literature in order to encourage reading as a use for leisure.

English 123. Composition and Rhetoric (3-0). Further training in thinking and the ordering of thoughts by the study of the types of composition.

Prerequisite: English 113.

English 213. English Literature (3-0). A survey course using selections from an anthology to emphasize trends in English literature. Advanced composition.

Prerequisite: English 123.

English 223. English Literature (3-0). Completion of the survey of English literature. Advanced composition.

Prerequisite: English 123.

English 213A. Shakespeare: Selected Plays (3-0). Survey of Shakespeare's principal works. Prerequisite: Six hours of sophomore English.

English 113B. (3-0). Written and spoken English applied to technical activities.

English 113C. World Literature (3-0). A study of the world's great literature, centered around the spirit of man as an individual and as a social being.

Foreign Language

French 114. Beginner's French (3-2). Drill in the pronunciation and the grammar of the French language with written exercises, dictation and conversation in French.

French 124. (3-2). Composition and reading.

Prerequisite: French 114 or two admission units in French from high school.

French 213-223. (3-0). General survey of French literature. A brief study of political history serves as background. Classics of each period read in class. Outside readings assigned.

Prerequisite: French 124.

Spanish 114. Beginner's Spanish (3-2). Drill in the pronunciation and the grammar of the Spanish language with written exercises, dictation and conversation in Spanish.

Spanish 124. (3-2). Composition and reading.

Prerequisite: Spanish 114 or two admission units in Spanish from high school.

Spanish 213-223. (3-0). A survey of the literature of Spain. As a basis for the comprehension of the literature, a survey of Spanish history, both political and literary, from earliest origin to present decade. Lectures in Spanish. Outside reading will be assigned.

Prerequisite: Spanish 124.

Geology

Geology 114. General Geology (3-3). Physical and historical geology; processes modifying the earth's surface; materials of the earth's crust. Laboratory work in cartography, mineralogy, and petrology.

Geology 124. General Geology (3-3). Historical geology; the history of the earth through geologic time as revealed by rocks and fossils; the origin and development of plant and animal life. Laboratory work in paleontology.

Prerequisite: Geology 114.

Government

Government 113. Great Issues (3-0). A dispassionate analysis of the factors involved and the historical background for the interpretation of today's conflicts and ideologies. A study is made of the current American policy in relation to these issues.

Government 213A. American Government (3-0). A functional study of the American constitutional and governmental system, of the origins, development and present day problems of the national government, of the rights, privileges and obligations of citizenship.

Prerequisite: Sophomore standing.

Government 223A. National and State Government (3-0). The nature, organization, and general principles of local government in the United States, with special attention to these forms in Texas; the judicial, executive, and administrative functions in federal and state government; financing governmental activities. Required of all candidates for degrees.

Prerequisite: Sophomore standing.

History

History 113. History of England (3-0). Survey of the social, economic, political, and intellectual development of Britain from the prehistoric period through the fifteenth century.

History 123. History of England (3-0). Continuation of History 113. Survey of the social, economic, political, and intellectual development of Britain and the British Empire to the present.

History 113A. Western Civilization in Mediaeval Times (3-0). A survey course in the cultural and institutional development of the nations of western Europe through the sixteenth century.

History 123A. Western Civilization in Modern Times (3-0). Continuation of History 113A. A survey course in the cultural and institutional development of the nations of western Europe from the sixteenth century to the present time.

History 213. History of the United States (3-0). A general survey of the history of the United States from the era of discovery to the Civil War.

Prerequisite: Six semester hours in history or sophomore standing.

History 223. History of the United States (3-0). A general survey of the history of the United States from the Civil War to the present time.

Prerequisite: Six semester hours in history or sophomore standing.

Home Economics

Home Economics 113A. Food Composition and Principles of Cooking (2-4). Fundamental principles in the selection and preparation of foods. Emphasis is given to problems in consumer buying.

This course should parallel Chemistry 114.

Home Economics 123A. Meal Preparation and Service (2-4). Planning, preparation, and service of meals. Special problems in food preparation. Emphasis given to the planning and preparation of daily meals to meet the lower income levels.

This course should parallel Chemistry 124.

Prerequisite: Home Economics 113-A.

Home Economics 113B. Elementary Clothing (2-4). The study of textile fabrics, the use and alteration of commercial patterns, the construction of garments.

Home Economics 123B. Elementary Garment Construction (2-4). The study of clothing from the standpoint of selection and construction.

Prerequisite: Home Economics 113-B.

Home Economics 113C. Infant Care (3-0). An analysis of the problems connected with infant care and how to meet them. A study is made of the growth, development, and training of an infant.

Home Economics 123C. Nutrition (2-2). The elements of diet and nutrition. The essentials of an adequate diet for general health. Consideration of the nutritional properties of foods.

Journalism

Journalism 123. Principles of Journalism (3-4). A survey and evaluation of criticisms of the American press, of traditions and tendencies in American journalism, and of the professional obligations of the newspaper to the community. Opportunities in the field are surveyed.

Journalism 213A-223A. News Gathering and Reporting (3-4). Instruction and practice in interviewing and writing; discussion of news sources, news values, and various types of news stories. Laboratory work on college paper. Admission by permission of Dean or Registrar.

Prerequisites: Thirty hours college credit including C average in freshman English. Credit in high school or college typing or registration in college typing.

Laboratory Technology

Applied Laboratory Technology 114. Theory and Techniques. (2-8).

Applied Laboratory Technology 124. Intermediate Theory and Techniques. (2-8).

Applied Laboratory Technology 213. Advanced Theory and Techniques (2-8).

Applied Laboratory Technology 206. Summer Laboratory Practice (Optional) (2-8).

Mathematics

Mathematics 113A. College Algebra (3-0). Brief review of elementary algebra, exponents and radicals, quadratic equations, systems of quadratic equations, binomial theorem and mathematical induction; progressions, complex numbers, theory of equations, determinants.

Prerequisite: 1½ years H. S. algebra.

Mathematics 113C. College Algebra (3-0). Brief review of elementary algebra, exponents and radicals, quadratic equations, variation and proportion, binomial theorem, progressions, logarithms, permutations and combinations, probability.

Mathematics 113B. Trigonometry (3-0). The development and use of trigonometric functions in the solution of triangles, identities and equations; logarithms, logarithmic solution of triangles, application to practical problems; inverse functions; DeMoivre's theorem.

Mathematics 113D. Solid Geometry (3-0). Lines and planes in space; dihedral and polyhedral angles; prisms and cylinders; pyramids and cones; application to practical problems.

Prerequisite: One unit in Plane Geometry.

Mathematics 123. Mathematics of Finance (3-0). Short-cuts, simple and compound interest, annuities, perpetuities, amortization and sinking funds, bonds, depreciation, general annuities.

Prerequisite: Algebra 113C.

Mathematics 123A. Analytic Geometry (3-0). Cartesian coordinates; the straight line, the circle, and conic sections; transformation of coordinates; transcendental curves; rapid sketching; polar and parametric equations.

Prerequisite: Algebra 113A, Trigonometry 113B.

Mathematics 213. Calculus (3-0). Limits; differentiation, and its application to maxima and minima, curve tracing, rates, parametric and polar equations, differentials, curvature; the law of the mean; integration.

Prerequisite: Analytic Geometry 123.

Mathematics 223. Calculus (3-0). Integration; geometrical and physical application of definite integrals; multiple integration; hyperbolic functions; infinite series.

Prerequisite: Calculus 213.

Mathematics 113I. Industrial Mathematics (3-0) An introduction to industrial mathematics. Fundamental operations: factoring; fractions; linear equations; exponents; radicals; and quadratic equations.

Mathematics 123I. Industrial Mathematics (3-0). Applications of mathematics in industry. The elements of plane trigonometry and applications in industry. Prerequisite: Industrial Mathematics 113.

NURSING

Nursing 112B. Nursing as a Profession and Personal Health Conservation (2-0). An introduction to the School of Nursing program; the place of nursing trends which have brought nursing to the level of a profession. Emphasis is placed on the qualifications of a good nurse and the adjustments necessary in the profession. It is designed to help the student appraise, develop, and maintain an adequate standard of sound physical, mental, and social habits of living.

Nursing 113-123. Introduction to Nursing (2-2). A lecture and laboratory course designed to develop in the student attitudes and ideals desirable in a nurse and the knowledge and skills necessary to give effective nursing care, which includes competent guidance of the individual patient. A study of the aims and methods of teaching health to the individuals and groups in the nursing care of patients in the hospital and community nursing services.

Nursing 121. Principles and Practice in Medical Nursing (1-0). This course presents the introduction to the principles of medical nursing. The content is organized into units according to the anatomical systems of the body with consideration given to the related emotional, social, and mental aspects of the patient. The course is correlated with the related aspects of the surgical nursing, pharmacology, and nutrition course.

Nursing 121A. Principles and Practice in Surgical Nursing (1-0). This course presents the introduction to the principles of surgical nursing. The content is organized into units according to the anatomical systems of the body with consideration given to the related emotional, social, and mental aspects of the patient. The course is correlated with the related aspects of the medical nursing course. Supervised practice in the medical and surgical services of the Medical Center Hospital and Mother Frances Hospital will follow the course and be correlated with further courses of theory in this area.

Nursing 212. History of Nursing (2-0). A survey of the historical development of nursing from its early conception to the modern times with special emphasis on contemporary movements.

Nursing 216A-216B. Principles and Practice of Medical Nursing (including ward classes) (3-0). A discussion of the course, pathology, prevention, and treatment of medical conditions; the related emotional, social, nutritional and rehabilitative aspects; and the nursing care essential to meet the needs of the individual patient. Guided practice in the nursing care of patients in the medical services of the local hospitals.

Nursing 213. Tuberculosis Nursing—Advanced Nursing (2-3). A study of etiology, symptomatology and nursing care of the patient with tuberculosis.

Nursing 213B. Psychiatry (3-0). A study of the different types of mental diseases from the standpoint of etiology, symptomatology, and prevention; the various forms of shock therapy; and the nursing care, including the special care of different types, the importance of accurate observation, recreational, and occupational therapy, and the social aspects of the patient's adjustment.

Nursing 223. Rehabilitation Therapy (3-0). Occupational and recreational.

Nursing 223A. Tuberculosis Nursing—Advanced Nursing (2-3). A continuation of Nursing 213.

Nursing 222. Basic Principles of Administration in the Nursing Services. (2-0). This course will provide an opportunity for the student to study the basic principles of administration which are applicable in the nursing services with emphasis placed on the responsibilities of the professional nurse as a member of the nursing team.

Nursing 223. Community Aspects of Nursing Care. A study of the principles and methods of teaching health to individuals and groups, and the application of these methods to the nursing care of patients in the hospital, outpatient department, and community nursing services. A study of the principles and trends in public health nursing and general responsibilities of the nurse in the community.

A four-week observation period is provided in the Tyler-Smith County Health Unit.

Nursing 214. Principles and Practice of Surgical Nursing (including ward classes) (3-0). A discussion of the causes and pathology, prevention and treatment of surgical conditions; the related emotional, social, nutritional, and rehabilitative aspects and the nursing care essential to meet the needs of the individual patient. Guided practice in the nursing care of patients in the surgical services of the Mother Frances Hospital and the Medical Center Hospital. A study of the principles of aseptic operative techniques and the routine procedures used in the care of patients in the operating room.

Nursing 226. Principles and Practice of Obstetric and Gynecologic Nursing (including ward classes). (3-0). This course is divided into two units. The first deals with the physiological conditions of a normal pregnancy, labor, puerperium, the complications that may arise during any of these periods, the nursing care in normal and complicated conditions, and the care of the newborn, including the premature infant. The second unit is concerned with the diseases of the genital system of the female and includes the etiology, symptamology, prevention, treatment, both operative and non-operative, and the nursing care. In both units emphases are placed on the social and health aspects of the nursing care.

Pharmacology

Pharmacology 113-123. Pharmacology and Therapeutics (3-0). Pharmaco-dynamics of therapeutically useful agents; signs and symptoms of overdosage and means of counteraction; side-effects; synergism, antagonism, and corrective agents. Lecture, demonstrations, and laboratory experiments.

Physical Education

Physical Education 113C. Art of Daily Living (3-0). A course designed to place emphasis on the needs and activities of the individual student to assist in making proper adjustments. The fundamental aim is to develop self-assurance through knowledge that one's health, appearance, clothes, styling, make-up, and posture are correct. Students are given personalized instruction with respect to their own problems. By means of lectures, demonstration, practice, and opportunities to perform in public, an effort is made to develop in the student greater poise and alertness. Instruction includes technique for balance and control of movement, selection and care of clothing.

Physical Education 113-123. Methods (2-2). The organization and administration of physical education in the public schools. The course of study for physical education as recommended by the State Department of Education for high schools is used as a basis for study. Laboratory periods are devoted to actual problems in the field.

Physical Education 113B. Playground Methods and Supervision (3-0). Designed to acquaint students with methods of direction, supervision and administration of park or playground programs.

Physical Education 113A. Theory of Football and Track (3-0).

Physical Education 123A. Theory of Basketball and Baseball (3-0).

Physical Education 213. Physiology (3-0). A general non-laboratory course in human anatomy and physiology.

Prerequisite: Credit for Biology 114-124 must be presented or the courses taken concurrently.

Physical Education 223. Hygiene (3-0). A survey of factors which determine personal health and methods of preventing personal and community diseases.

Prerequisite: Credit for Biology 114-124 must be presented or the courses taken concurrently.

Physics

Physics 114. General Physics (3-3). Covers the fundamental principles of electricity, magnetism, sound and light.

Physics 124. General Physics (3-3). A continuation of Physics 114. An elementary course to meet the needs of students of pre-medicine, pre-dentistry, architecture, and the liberal arts. Consists of the fundamentals of mechanics, properties of matter, heat and wave-motion.

Physics 124A. Engineering Physics for Freshman Engnieers (3-4). Mechanics and heat. Designed especially for engineering students.

Prerequisite: Admission credit in high school physics or the equivalent; Mathematics 113A and 113B.

Physics 214-224. Advanced Physics (3-3). A course designed to meet the second year physics requirements of students in engineering, medicine, and those who plan to major in some field of science. Electricity, Magnetism, Wave-Motion, Acoustics and Optics.

Prerequisite: Six hours of mathematics and Physics 124 or 124A.

Psychology

Psychology 113. Ethics and Procedure (3-0). The development of specific ethical principles as a guide to ethical professional conduct.

Psychology 113A. Psychology of Learning (3-0). Fundamental mental and psychological principles underlying motivation, behavior, individual differences, and the learning processes.

The student may not count both Education 113 and Psychology 113A for credit.

Psychology 113C. Mental Hygiene (3-0). Typical problems of personal adjustments and their abnormal and normal solutions will be studied with attitudes and habits necessary for effective living.

Psychology 213. Introductory Psychology (3-0). A survey of the principles of general psychology developed by lectures, recitations, and demonstrations in class.

Prerequisite: Sophomore standing.

Psychology 223. Business Psychology (3-0). Psychological principles concerned with advertising, salesmanship, employment, and personal problems.

Prerequisite: Psychology 213.

Sociology

Sociology 213. Introduction to Sociology (3-0). Introduction to the study of society. The community and its structure; the ecological approach to human relationships; elements and processes of social interaction; social change; society and the person.

Prerequisite: Sophomore standing.

Speech and Drama

Speech 113. Fundamentals of Speech (3-0). A course in the fundamental, basic principles of speech to develop self-confidence and poise in the student. Speeches on leading questions of the day, radio projects, poetry reading and choric verse are prepared and delivered.

Speech 123. Fundamentals of Speech (3-0). Basic principles of speech continued. Emphasis is given to composition, gathering, selecting arranging, and presenting material for a given purpose. Projects are conducted in oratory, extemporaneous speech, and radio speaking for the purpose of developing the student's resourcefulness, independence, and personal power.

Drama 112-122. Basic Theater Practice (1-9). Practice and study of elementary stagecraft, make-up, and backstage crew work. Class members are required to work on technical crew.

Drama 213. Fundamentals of Dramatic Interpretation. Phonetics for Stage Diction (2-4). Voice control for the stage. Fundamentals of speech production; development of the speaking voice for the stage.

Laboratory as required.

Prerequisite: Sophomore standing.

Drama 223. Introduction to Acting (2-4). Elementary theory and practice of acting.

Prerequisite: Drama 213.

Speech 213. Debate (3-0). A study of the principles and theories of debate technique. Group, forum and panel discussions are held on foremost controversial issues. Especial attention is given to the current national college debate question. Various intramural and intercollegiate debates.

Prerequisite: Sophomore standing.

DISTRIBUTIVE EDUCATION

Distributive education courses are organized whenever there is a request by a sufficient number of persons for such a class.

These courses are taught in either the regular day session or in the Evening College to suit the needs of the students.

DE 113. Retailing and Store Salesmanship (3-0). An intensive study of the fundamental principles of retail selling.

DE 111B-112B-113B. Real Estate Practice. A complete coverage of the real estate field from the viewpoint of the real estate broker.

DE 111C-112C-113C. Traffic Management. An analysis of shipping papers and procedure to enable a merchant to reduce shipping costs.

DE 113D. Dental Receptionist Training (3-0). Duties of the dental receptionist in the office and the laboratory. Study of dental roentgenology and other laboratory equipment.

DE 111E-112E-113E. Advanced Credit Procedures. An advanced course for credit managers dealing with specialized problems in credit.

DE 111-121. Business Experience. A student may earn a limited amount of credit on a supervised pre-arranged assignment with a cooperating store in selling and non-selling activities. Frequent conferences, progress reports and a final report will be required of all students requesting degree credit.

DE 113. Advertising Principles. Advertising fundamentals in relation to modern business activity; study of the fields of advertising; study of campaigns, advertising mediums and surveys.

DE 112A. Retail Credit and Collections (2-0). The nature and function of credit; retail charge accounts and installment credit; retail credit fundamentals; securing credit information; controlling the account and collections.

DE 212. Organization and Management of Small Business (2-0). This course is designed to give the student information about the problems connected with the operation of individually owned and controlled businesses. Special emphasis will be given to various kinds of retail businesses, methods of financing, legal questions involved and various problems of management.

DE 213. Principles of Direct Selling (3-0). Fundamentals of salesmanship covering such topics as personality and dress, psychological principles, preparing the canvass, the interview, meeting the prospect, and other essentials of good salesmanship.

DE 213A. Survey of Insurance. An investigation of insurance service and benefits designed to give students sufficient background to solve their personal insurance problems intelligently.

DE 213B. Advertising (3-0). Place of advertising in business advertising media; description of the various methods of advertising and other fundamentals.

DE 213C. Merchandising Art (3-0). A course providing opportunities for students to explore the field of commercial art as supplied by show card lettering, poster design, sketching, and planning the design of window display.

DE 213D. Retail Personnel Relations (3-0). This course provides a general survey of the working relationships of the employee and the executive. Among the topics discussed are personnel policies, job analysis, personal budget, wage plans and incentives, employment testing, employee evaluation, and training.

DE 213E. Principles of Marketing (3-0). The marketing functions, transportation, assembling, storage, trade channels, cost, co-operative marketing, trade association, price policies, market analysis, marketing structures and agencies, types of middlemen, and current marketing practices.

X-Ray Technology

X-Ray Technology 113. Beginning Theory and Techniques. (1-5).

X-Ray Physics 123. Physics Theory and Practice Applied in the Field of X-Ray (1-5).

X-Ray Technology 213. Intermediate Theory and Techniques (1-5).

X-Ray Technology 223. Advanced Theory and Techniques (1-5).

VOCATIONAL TRADES

The primary object of the Vocational Training Division is to train the student in practical courses which will fit him to earn a living in the vocation selected. In addition, the student is given general education in courses related to his vocation, as well as general information, which is designed to give him a well-rounded development.

A more complete description of the vocational courses described below may be secured from the special vocational trades catalogue supplements.

METAL TRADES

Machinist Trade

Practical instruction in the care and operation of the various machines and hand tools used in the metal trades. These machines include such items of equipment as engine lathes, turret lathes, special grinders, metal cut-off and contour saws, milling machines, metal shapers, drill presses, sheet metal-working equipment, et cetera. The shops are well equipped and highly skilled craftsmen are in charge as instructors.

Welding Trade

A highly specialized course in welding. It covers the theory and shop techniques in electric arc welding, resistance oxyacetylene process gas welding, aluminothermic welding and other processes. Correct methods of brazing, soldering and lead burning are stressed.

Foundational subjects such as shop mathematics, blueprint reading, metallurgy and correct shop practices are given. Highly skilled craftsmen are in charge as instructors.

CABINET MAKING

Cabinet and furniture construction. Foundational work in blueprint reading, shop mathematics and shop procedure is given. Practice in the design, construction and finishing of cabinets, including a study of lumber, its manufacture, seasoning and other data. The proper care of power woodworking machinery is stressed. The student learns how to use glues, varnishes and other finishing materials in the correct manner.

AUTOMOBILE MAINTENANCE

Students in this department are equipped to take jobs in the automobile repair and maintenance industry or to operate their own garage and shops.

Theory and practice in the functions of all parts to familiarize the student with the repair and overhaul of the entire automobile assembly. Fundamentals of the internal combustion engine, electrical data, knowledge of maintenance charts, lubrication and the development of power rating are stressed. The student is also taught spray painting, brazing, welding and the reconditioning of the automotive body.

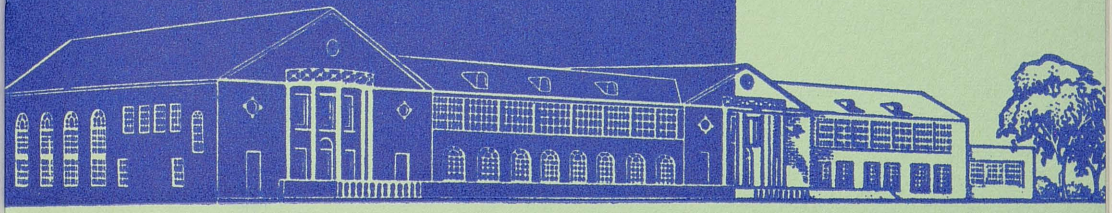
In the last section of this course an intensive study is made of designs, construction, nomenclature and maintenance of trucks and tractors.

RADIO-TELEVISION

Ths course for the radio-television repairman provides exercises in the repairing and maintenance of radio and television reception units including the testing of circuits, tubes and other parts. The course involves practical experience in the disassembly of receiving sets, repairing or replacing defective parts, checking all electrical circuits, assembling and aligning, and the use of all testing equipment used by the radio-television repairman. The course is designed to prepare the student to enter the field of radio-television servicing with a thorough knowledge of radio and television equipment and repair procedures. This course includes the use and care of hand tools, testing instruments, and efficient shop operations. Special emphasis is placed on the value of modern testing equipment in trouble shooting the superheterodyne receiver and other electronic devices. Shop projects train the student in the use of technical equipment furnished by the college and are designed to give the student a practical aspect of related theory problems.

TYLER JUNIOR COLLEGE

TYLER
TEXAS



TEXAS EASTERN SCHOOL OF MUSIC

OF

THE TYLER JUNIOR COLLEGE

TYLER, TEXAS

TEXAS EASTERN SCHOOL OF MUSIC
OF
TYLER JUNIOR COLLEGE

FULLY APPROVED BY THE
TEXAS ASSOCIATION OF MUSIC SCHOOLS

ADMINISTRATIVE OFFICERS

Harry E. Jenkins ..... President

Edward M. Potter ..... Dean

Joseph Kirshbaum ..... Director, School of Music
Conductor East Texas Regional Symphony

Ib Rice ..... Registrar

Richard Barrett ..... Business Manager

FACULTY

Robert Collins ..... Violoncello

Edwin Fowler ..... Clarinet

Helen Glover ..... Organ

Gertrude Kirshbaum ..... Harp

Joseph Kirshbaum ..... Theory, Violin

Dale Stonecipher ..... Choral Music, Voice

Oscar Ziegler ..... Piano

TEXAS EASTERN SCHOOL OF MUSIC
OF
TYLER JUNIOR COLLEGE

The School of Music offers instruction in music for students who:

(1) Plan to pursue a professional career in music.

(2) Desire a cultural background in music.

Music courses include individual lessons in Applied Music, class work in Theory and Music Literature and ensemble training in musical organizations. The work is designed to meet requirements of standard four-year music curricula.

The Texas Eastern School of Music is fully approved and accredited by the Texas Association of Music Schools, holding full membership in that association. This assures the acceptance at full value of credit earned.

CURRICULUM FOR MUSIC MAJORS

Bachelor of Music Degree

FRESHMAN YEAR		SOPHOMORE YEAR	
Music 113T, 123T	6 Hours	Music 213T, 223T	6 Hours
Music 113L, 123L	6 Hours	Music 212T, 222T	4 Hours
Applied Music	8 Hours	Applied Music	8 Hours
Musical Organizations	2 Hours	Musical Organizations	2 Hours
English 113, 123	6 Hours	English 213, 223	6 Hours
Electives	6 Hours	Government 223A	3 Hours
		Elective	3 Hours
Total	34 Hours	Total	32 Hours

General Information

Music majors who have had no previous training in piano are required to take sufficient instruction to pass a proficiency examination in piano.

All music majors are required to participate in at least one musical organization.

Attendance of music majors is expected at all concerts sponsored by the School of Music.

Ample opportunity is provided for individual student performance through both studio and public recitals.

Students are encouraged to use special music library materials which include numerous books, reference works, periodicals, music scores and a record collection embracing examples of all styles and forms of music.

Regular students (full time) majoring in fields other than music may enroll in music courses for which they are qualified.

Special students (part time) may enroll for Applied Music or other courses in the School of Music.

Preparatory work in Applied Music is offered for beginning students and for students not sufficiently advanced to meet requirements for music major courses. College level students enrolling in preparatory courses may receive credit as follows:

(1) One hour credit: one half-hour lesson, 6 hours practice weekly.

(2) Two hours credit: two half-hour lessons, 10 hours practice weekly.

All students are eligible to audition for membership in the various musical organizations sponsored by the School of Music.

Special Regulations

Regular and punctual attendance is required at all class sessions, musical organization rehearsals, individual lessons and other services for which the student has registered. Absences will not be excused for any reason other than illness. Unexcused absences will lower the final grade in the course concerned.

Individual lessons will not be made up in the case of unexcused absences. Students who must miss a lesson because of illness are required to notify their instructors at least one hour before the scheduled lesson in order to ask for a make-up lesson.

Students electing applied music courses for credit are required to fill out a repertoire sheet and to perform for a faculty committee each semester.

Applied music students shall consult with their instructors before participating in any public performance.

Music Tuition Per Semester

Individual Lessons:

Subject	Regular Students Who Enroll For 12 Sem. Hrs. or More		Special Students Who Enroll For Music Only	
	One 30-Min. Lesson Per Week	Two 30-Min. Lessons Per Week	One 30-Min. Lesson Per Week	Two 30-Min. Lessons Per Week
Piano	$54.00	$90.00	$72.00	$126.00
Voice	54.00	90.00	72.00	126.00
Violin, Violoncello	54.00	90.00	72.00	126.00
Harp	54.00	90.00	72.00	126.00
Organ	54.00	90.00	72.00	126.00
Clarinet	45.00	81.00	54.00	90.00

Piano Pedagogy (One two-hour session per week) $30.00
Voice Diction (One hour per week) 18.00
Practice Room (Four hours per week) 4.00

COURSE DESCRIPTION

Applied Music

Music 112P, 122P, 212P, 222P. Preparatory Piano. Elements of piano-forte playing; instruction material and exercises according to individual needs; from simple forms of scales and arpeggios;selected compositions from Bach, Beethoven, Clementi, Handel, Haydn, Kuhlau, Mozart, Schumann and others.

Admission by examination.

Music 114P, 124P. Freshman Piano. Major and minor scales and arpeggios studies from Cramer, Czerny; Bach Three Part Inventions, French Suites, Mozart; Beethoven sonatas of moderate difficulty; suitable selections from Chopin, other composers of the romantic school.

Admission by examination: Two half-hour lessons and 16 hours minimum practice weekly.

Music 214P, 224P. Sophomore Piano. Major and minor scales and arpeggios in all forms and rhythms; studies from Clementi, Czerny, Phillip; Bach Well-Tempered Clavichord, English Suites; Beethoven sonatas, Op. 2, Op. 10, Op. 26; allegro movement of a concerto; selected compositions from Chopin, Debussy, Mendelssohn, Schubert, etc.

Prerequisite: Completion of Freshman Piano or equivalent. Two half-hour lessons and 16 hours minimum practice weekly.

Music 314P, 324P. Advanced Piano. Major and minor scales in parallel and contrary motion, octaves, tenths, sixths, and double thirds; all forms of broken chords; Bach Preludes and Fugues; Beethoven Sonatas; suitable concertos and concert repertoire; student required to play half-hour recital.

Prerequisite: Completion of Sophomore Piano or its equivalent. Two half-hour lessons and 18 hours minimum practice.

Music 312P, 322P. Piano Pedagogy. A comparative study of various instructional methods and materials; analysis of teaching problems dealing with technique, repertoire, interpretations; practical demonstrations.

Prerequisite: Completion of Sophomore Piano or its equivalent. One two-hour session per week.

Music 112Vi, 122Vi, 212Vi, 222Vi. Preparatory Violin. Principles and establishment of good position; simple scales and arpeggios; exercises from Auer, Kayser, Laoureaux, Sevcik, Wolhfahrt; suitable selections from Bach, Beethoven, Corelli, Faure, Handel, Mozart, Vivaldi, and others.

Admission by examination.

Music 114Vi, 124Vi. Freshman Violin. Three octave scales and arpeggios; studies from Dout. Op. 37, Kreutzer, Sevcik; sonatas by Handel, Mozart, Tartini; concertos by Nardini, Vivaldi; selected compositions from the romantic school.

Admission by examination. Two half-hour lessons and 16 hours minimum practice weekly.

Music 214Vi, 224Vi. Sophomore Violin. Scales and arpeggios in double stops; studies from Fiorello, Kreutzer, Rode, Sevcik; Sonatas by Bach, Beethoven, Mozart; concertos by Bach, Mozart, Viotti; selected works from romantic and contemporary composers.

Prerequisite: Completion of Freshman Violin or equivalent. Two half-hour lessons and 16 hours minimum practice weekly.

Music 314Vi, 324Vi. Advanced Violin. Study material from Dont, op. 35, Flesch, Rovelli and Sevcik; selected compositions in all forms by Bach, Beethoven, Brahms, Bruch, Franck, Mendelssohn, Saint-Saens, Wieniawski, and others; student required to play half-hour recital.

Prerequisite: Completion of Sophomore Violin or its equivalent. Two half-hour lessons and 18 hours minimum practice.

Music 112Vcl, 122Vcl, 212Vcl, 222Vcl. Preparatory Violoncello. Establishment of position; selected studies from Dotzauer, Grutzmacher, and others; appropriate solos.

Admission by examination.

Music 114Vcl, 124Vcl. Freshman Violoncello. The higher positions; three octave scales and arpeggios; studies from Dotzauer, Duport, Klengel, sonatas by Eccles, Mauello, Sammartini; concertos by Golterman and Romberg.

Admission by examination. Two half-hour lessons and 16 hours minimum practice weekly.

Music 214Vcl, 224Vcl. Sophomore Violoncello. Scales, arpeggios and exercises in four octaves; double stops; studies from Grutzmacher, Kleugel; compositions by Beethoven, Boccherini; Boellman, Popper, etc.

Prerequisite: Completion of Freshman Violoncello or equivalent. Two half-hour lessons and 16 hours minimum practice weekly.

Music 112Bv, 122Bv, 212Bv, 222Bv. Preparatory Bass Viol. Establishment of position; studies from Simandl, Book I; scales and bowing exercises.

Admission by examination.

Music 114Bv, 124Bv. Freshman Bass Viol. Major and minor scales; broken chords; studies from Schucklousky and Simandl; orchestra studies and solos.

Admission by examination. Two half-hour lessons and 16 hours minimum practice weekly.

Music 214Bv, 224Bv. Sophomore Bass Viol. Continuation of scales and arpeggios; studies from Hrabe and Simandl; Kreutzer, bowing studies; orchestra excerpts; selected solos.

Prerequisite: Completion of Freshman Bass Viol or equivalent. Two half-hour lessons and 16 hours minimum practice weekly.

Music 113Vo, 123Vo. Freshman Voice. Elements of vocal culture—breath control, voice production, pure vowels, consonants; scales and arpeggios; vocalises—Concone, Panofka, Vaccai; the simpler songs in English and Italian.

Admission by examination. Two half-hour lessons and 12 hours minimum practice weekly.

Music 111D, 121D. Voice Diction. Systematic presentation of the fundamentals of pronunciation and sound production to further the singing of text with clarity and ease in German and Italian.

Admission by examination. Required of all voice majors. One hour per week.

Music 213Vo, 223Vo. Sophomore Voice. Technical development—the sustained tone of the old Italian bel canto, roulades, runs and trills; the simpler opera and oratorio arias of Gluck, Handel, Mozart, Scarlatti; beginnings of German Lieder; English and American songs.

Prerequisite: Completion of Freshman Voice or equivalent. Two half-hour lessons and 12 hours minimum practice weekly.

Music 211D, 221D. Advanced Voice Diction. Continuation of Music 121D; practical application in advanced song, oratorio and opera, including French and English.

Prerequisite: Music 121D. Required of all voice majors. One hour per week.

Music 112H, 122H, 212H, 222H. Preparatory Harp. Development of basic position; the principals of pedaling; coordination of hand and foot action; Salzedo, Method for the Harp, Tiny Tales (Series I and II), Short Stories (Volume I and II; pieces by Bach, Rameau, Schumann, Thomas and others.

Admission by examination.

Music 114H, 124H. Freshman Harp. Studies: Salzedo, Daily Dozen, Modern Study of the Harp; Salzedo-Lawrence, Method for the Harp, selected compositions by Bach, Corelli, Haydn, Salzedo, and others.

Admission by examination. Two half-hour lessons and 16 hours minimum practice weekly.

Music 214H, 224H. Sophomore Harp. Continuation of selected Salzedo studies; works by Bach, Debussy, Handel, Pierne, Prokofieff, Salzedo.

Prerequisite: Completion of Freshman Harp or equivalent. Two half-hour lessons and 16 hours minimum practice weekly.

Music 114Or, 124Or. Freshman Organ. Studies—Gleason, Method of Organ Playing; Dickison, The Art and Technique of Organ Playing; Nilsen, Pedal Studies: compositions—Bach, Eight Little Preludes and Fugues; Guilmant, Sonata in C; others.

Prerequisite: Music 212P or its equivalent. Two half-hour lessons and 16 hours minimum practice weekly.

Music 214Or, 223Or. Sophomore Organ. Continuation of studies from Gleason, Dickison, Nilsen; Carl, Master Studies for Organ; compositions by Bach, Mendelssohn, Widor, and others.

Prerequisite: Music 124Or or its equivalent. Two half-hour lessons and 16 hours minimum practice weekly.

Music 112C, 122C, 212C, 222C. Preparatory Clarinet. Principles of posture, embouchure, articulation; elementary scales and arpeggios; graded studies and duets; selected simple pieces.

Admittance by examination.

Music 114C, 124C. Freshman Clarinet. Etudes by Klose and Lazarus; major and minor scales, solos, and duets.

Admission by examination. Two half-hour lessons and 16 hours minimum practice weekly.

Music 214C, 224C. Sophomore Clarinet. Etudes by Langenus, Lazarus, Rose, and Voxman; major and minor scales, orchestral studies; transposition; solo and ensemble literature.

Prerequisite: Completion of Freshman Clarinet or equivalent. Two half-hour lessons and 16 hours minimum practice weekly.

Theory of Music

Music 113L-123L. Introduction to Music. (2-3). A general survey of the development of the art of music designed to provide a basic understanding of the principal periods and styles of music literature: origins, folk music, plainsong, vocal and instrumental forms, elementray acoustics, biographical sketches and bibliography.

No prerequisite: open to non-music majors. Required of music majors.

Music 113T-123T. Elementary Harmony (3-2). The study of chord building and chord connection including practice in eartraining and keyboard harmony: triads and their inversions, cadences, modulation to related keys, simple non-harmonic tones, seventh chords, original part-writing exercises, melodic and harmonic dictation, sight-singing.

Prerequisite: Ability to read simple music notation. Required of music majors. Chorus is required of all elementary harmony enrollees.

Music 212T, 222T. Dictation and Sight-Singing (2-1). Melodic rhythmic, harmonic, and contrapuntal dictation; sight-singing, including the clefs, and simple modulation. Music 213T, 223T must be taken concurrently. Prerequisite: Music 123T. Required of music majors.

Music 213T, 223T. Advanced Harmony. (3-2). A further study of harmony and an introduction to counterpoint: the ninth, eleventh and thirteenth chords, chromatically altered chords, modulation to distant keys, the decorative material of harmony; a survey of the five species. Music 212T, 222T must be taken concurrently.

Prerequisite: Music 123T. Required of music majors. Chorus is required of all advanced harmony enrollees.

Music 313T, 323T. Composition. (3-0). The development of creative ability in musical composition: analysis and written work in strict and free styles, simple two and three part forms, the variation form. Instruction according to individual needs.

Prerequisite: Music 223T or its equivalent.

Music 312T, 322T. Counterpoint. (2-0). Contrapuntal studies based on the practices of eighteenth century composers; two-and three-part inventions, fugues, canons, double counterpoint.

Prerequisite: Music 223T or its equivalent.

Musical Organizations

BAND

Music 111B, 121B

Music 211B, 221B

The official Apache Band, open to any student who has had suitable experience. Three hours per week.

CHORUS

Music 111Ch, 121Ch

Music 211Ch, 221Ch

A chorus in choral singing organized for the purpose of becoming familiar with the more important works of vocal ensemble. Open to all students by audition. Three hours per week.

SYMPHONY ORCHESTRA

Music 113O, 123O

Music 213O, 223O

Open to advanced instrumental students. Members are given practical training in professional orchestral routine in the East Texas Regional Symphony Orchestra.

Admission by audition. Four hours per week.

Music 211CM, 221CM. Chamber Music.

Qualified students are encouraged to become intimately acquainted with the master works of chamber music. Small groups are formed to study the standard literature for various combinations ranging from duos to octets. Admission by audition. Two hours per week.

HARP ENSEMBLE

Music 111HE, 112HE

Music 211HE, 221HE

Designed to increase reading proficiency and to further musicianship through group performance; this course is required of all music majors specializing in Harp. Open to others by audition. Two hours per week.

STATISTICAL SUMMARY

TYLER JUNIOR COLLEGE

1953-1954

SUMMARY OF ENROLLMENT

SUMMER SESSION, 1953

General and Academic	82
Trade and Industry*	31
Vocational Agriculture*	11
TOTAL SUMMER SESSION	124

REGULAR SESSION, 1953-54

General and Academic	1234
Trade and Industry*	43
Vocational Agriculture*	11
Distributive Education (Short Courses)*	290
Academic Evening College	247
TOTAL REGULAR SESSION	1825
NET ANNUAL ENROLLMENT	1949

* These divisions enroll students continuously throughout the school year.

DIVISIONS INCLUDED IN TYLER JUNIOR COLLEGE

1. Academic, General and Business Education Division
2. Trade and Vocational Education Division
3. The Evening College
4. Texas Eastern School of Music
5. Tyler Junior College Branch College for Negroes

DISTRICTS INCLUDED IN THE TYLER JUNIOR COLLEGE DISTRICT

Name of School District	*Affiliated
Tyler Independent School District	1926
Pine Springs Common School District No. 48	1950
Dixie Consolidated Rural High School District No. 5	1950
Chapel Hill Independent School District	1950
Winona Consolidated Rural High School District No. 67	1950
Rice Consolidated Common School District No. 13	1950
Swan Consolidated Common School District No. 60	1950
Lindale Independent School District	1951
Flint Common School District No. 18	1954

* Year of affiliation with Tyler Junior College.

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